

7GN2592U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Draduat designation			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			
Switching diagram			92 - ON/OFF switch 4 poles
N° of elements			2
			U47 - Snap on
			fron mounting
Mounting form			with black handle
			for hole diam.
Contact characteristics			22mm finxing
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	25
	UL/CSA	Α	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			0.5
	10kA	A	25
	15kA 25kA	A A	25 25
Rated short time current Icw	ZJKA		25
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	25
AC15			
	110V	А	16
	220/230V	A	12
	380/400V	A	8
Rated operational power in AC	660/690V	A	2
Three-phase AC-3			
Three-phase A0-5	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
	110V	kW	1.5
	220/230V	kW	3
	380/440V	kW	5.5

7GN2592U47

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	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
	Single phase ASEON	110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu				
	DC21A			
		48V	А	25
		60V	Α	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		48V 60V	A	
				25 (3) 12 (2)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13			
		24V	Α	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features			VV	1.1
Terminals screw				M3.5
			Nim	
Tightening torque fo	r terminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		2	o 5
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ^e
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
	,	120V	HP	3
		240V	HP	5
		480V	HP	10
	Construction of the second sec	600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3

7GN2592U47

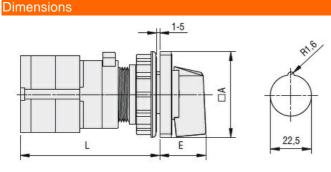


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Ambient conditions

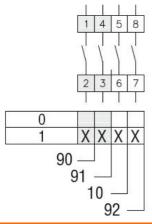
Temperature

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensiona			



Series	Dimensions		L			
	□A	E	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

Wiring diagrams



Certifications and compliance

Complianc	e
	CSA C22.2 n° 14
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1
Certificate	3
	cCSAus
	EAC
	UL
ETIM class	ification
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ENERGY AND AUTOMATION

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ETIM 8.0

EC001029 -Selector switch, complete